HISTORY KEPT YES ☐ NO ☐	ILLINOIS HIGHWAY INFORMATION SYSTEM STRUCTURE INFORMATION AND PROCEDURE MANUAL	
NBIS REQUIRED YES ⊠ NO □	ITEM NAME SUFFICIENCY RATING	ITEM NO.       130         PAGE       1 of 2         EFF. DATE       07/01/02
	ISIS	MMIS
RESPONSIBLE FOR UPDATE	Computer Generated	N/A
STRUCTURES	All	N/A
UPDATE		
SCREENS	Computer Generated	N/A
INQUIRY	•	
SCREENS	(1) Inventory Data 1	(1) Inventory Data 1 of 3
DESCRIPTION AND PURPOSE OF ITEM		
The sufficiency rating is a numeric value that is a result of a method used to evaluate data by calculating four different factors: (1) Structural Adequacy and Safety; (2) Serviceability and Functional Obsolescence; (3) Essentiality for Public Use; and (4) Special Reductions (based on certain limiting features).		
This value is a percentage which is indicative of the bridge's sufficiency to remain in service. It is expressed as a percentage in which 100 percent represents an entirely sufficient bridge and zero percent represents an entirely insufficient or deficient bridge.		

NOTE: Only those structures carrying a highway receive a sufficiency rating.

## **CODE AND SCREEN ENTRY INSTRUCTIONS**

#### DO NOT ENTER

This item is computer generated and is recalculated <u>nightly</u> through a formula that evaluates nineteen of the Inventory, Inspection and Appraisal Items.

See the next page for a summary of the Sufficiency Rating factors.

(Continued on the Next Page)

# ILLINOIS HIGHWAY INFORMATION SYSTEM STRUCTURE INFORMATION AND PROCEDURE MANUAL

ITEM NAME SUFFICIENCY RATING

 ITEM NO.
 130

 PAGE
 2 of 2

 EFF. DATE
 07/01/02

## **Summary of Sufficiency Rating Factors**

1. Structural Adequacy and Safety

S1 = 55% Max.

59 Superstructure

60 Substructure

62 Culverts

66A,B Inventory Rating \*

2. Serviceability and

### **Functional Obsolescence**

S2 = 30% Max.

28 Lanes on Structure \*

29 Average Daily Traffic On \*

32 Approach Roadway Width \*

43B Structure Type, Main 51 Bridge Roadway Width \*

53 Vertical Clearance over deck \*

58 Deck Condition

67 Structural Evaluation

68 Deck Geometry

69 Underclearances

71 Waterway Adequacy

72 Approach Roadway Alignment 100 StraHNet Highway Designation On \*

Essentiality for Public Use

S3 = 15% Max.

19 Bypass Length On \*

29 Average Daily Traffic On\*

100 StraHNet Highway

Designation On \*

4. Special Reductions

S4 = 13% Max.

19 Bypass Length On \*

36 Traffic Safety Features \*43B Structure Type, Main

Sufficiency Rating = S1 + S2 + S3 - S4

Sufficiency Rating shall not be less than 0% nor greater than 100%

<sup>\*</sup> Note: If the value is not recorded for any of these items, the Sufficiency Rating number will preceded by an asterisk (\*).